

AMENDMENT TO THE SPECIFICATION

Please amend the specification by replacing the legend to Figure 7, at page 10 line 21 through page 11 line 13, with a paragraph which is amended to read as follows:

-- Figure 7A-~~[[C]]~~D. $\alpha 2\beta 1$ integrin and adhesion of ADPKD epithelia to type I collagen. Figure 7A. Immunocytochemistry of $\alpha 2\beta 1$ -integrin(1:250, Chemicon) in ADPKD epithelia, 48 hr, adhesion to type I collagen. Note extensive fibrillar staining at apparent points of focal contact with the substratum. Figure 7B. Western immunoblot analysis of $\alpha 2$ -integrin content of different cell types, 48 hr. adhesion to type I collagen. Lanes 1 and 2 HF PST; lanes 3 and 4 HF CT; lanes 5 and 6, NH PST; lane 7, NH TAL; lanes 8 and 9 ADPKD. Figure 7C. * anti-actin to demonstrate equal protein loading, 20 mg per lane, equal exposure of blot. Figure 7~~[[C]]~~D. Differential effects of the $\alpha 2\beta 1$ -integrin blocking antibody, 6F1, on cell-type-dependent adhesion (4 hr.): incubation in the presence of 10 mg/ml monoclonal antibody, PCNA (Signet, Deedham, MA)(open bars). Values expressed as mean \pm SEM. * $p < 0.05$ by comparison to its pair. Adherence in the presence of 1% fetal bovine serum was similar to that in the presence of anti-PCNA. Lanes 1 and 2 HF PT; lanes 3 and 4 NH PST; lanes 5 and 6 NH CT; lanes 7 -12 ADPKD, 3 independent kindreds.